Work Orde Tuesday, June 1:												Page
Revision ID:	D3937-041		1	Accept					Setup		1 380011101 8	
	6/15/2010	Strip Assembly Start Qty: 48.00 Req'd Qty: 48.00			Cust Item I Customer:	D:				Stop		
Approvals:	Process Pla	an:	Date 10613	Tooling:	Da	nte:			Run	Start		
	QC:	, (	Date:	SPC (Y/N):	Da	ate:				Stop		
Sequence ID/ Work Center II	)	Operation Description	d to a separate de la companya de la	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Rej Qty		Reject Number	Insp. Stamp
Draw Nbr	Rev	vision Nbr										
D3937	В											·i
100 Waterjet		Memo		0.00				8!	o-6	16-2		:
FLOW CNC Waterjo	et		Dwg D3937 (Make D3937-				0	2/	/	_	ſί	<b>\</b>

QC2- Inspect parts off machine FAI/FAIB

2-Deburr if necessary

0.00

Memo

0.00

Quality Control

# **Dart Aerospace Ltd** W/O: **WORK ORDER CHANGES Approval Approval** DATE **STEP PROCEDURE CHANGE** Bv Date Qtv Chief Eng / Prod Mgr QC Inspector Part No: \_\_\_\_\_\_ PAR #: \_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA \_\_\_\_ Date: \_\_\_ Resolution: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_ Date: \_\_\_\_ **WORK ORDER NON-CONFORMANCE (NCR)** NCR: **Corrective Action** Section B **Description of NC** Verification **Approval** DATE **STEP Approval** Sian & Initial **Action Description** Section A Section C Chief Ena QC Inspector Chief Eng Chief Ena Date

Work Orde										,.		7	Page 2
Revision ID:	D3937-041			Ac	ecept					Setup			
	Luminescent S 6/15/2010 6/21/2010	Strip Assembly Start Qty: 48.00 Req'd Qty: 48.00	11000			Cust Iten Customer					Stop		
Approvals:	Process Pla	n:	Date:		Fooling:  SPC (Y/N):		Date:		1	Run	Start Stop	(	
Sequence ID/ Work Center II  120 QC Quality Control	•	Operation Description QC8- Inspect parts - secon	nd check		Set Up/ Run Hours 0.00 0.00 \[ \begin{array}{c} \log \log \log \log \log \log \log \log	Tool ID	Tool #	Code	Accept Qty V64	Rejo Qty		Reject Number	Insp. Stamp
130 HandFinish Hand Finishing		Chemical Conversion Coa	t per QSI005 4.1		0.00 .M 0.00	10/00	el U		LA		<b>Ø</b>		

140

Quality Control

QC3- Inspect Part Finish

0.00

Memo

0.00

6H Bl 10-6-28.

Dart Aerospace	Ltd
----------------	-----

	•									
W/O:			WC	ORK ORDER CHANC	GES					7
DATE	STEP	PRO	OCEDURE CHA	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
						ŀ				
Part No	•	PAR #:	Fault Cate	gory:	_ NCR:	Yes I	No DQA		Date:	
		esolution:							Date:	
NCR:				R NON-CONFORM						-
DATE	STEP	Description of NC			tion B	<u> </u>	Verifica	tion	Approval	Approval
		Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Section	C	Chief Eng	QC Inspector
					:					
				Α.						
	1 1		1 1		- 1		ı			

Work Ord Tuesday, June 1								,				Page
Item ID: Revision ID:	D3937-041			Accept					Setup	Start		
Item Name:	Luminescent	Strip Assembly								Stop		
Start Date: Required Date: Reference:	6/15/2010 : 6/21/2010	Start Qty: 48.00 Req'd Qty: 48.00			Cust Item I Customer:	D:						
Approvals:	Process Pl	an:	Date:	Tooling:	Ds	nte:	_	I	Run	Start		
••	QC:		Date:	SPC (Y/N):		ite:				Stop		
Sequence ID/ Work Center I	D	Operation Description		Set Up/ Run Hours 0.00	Tool ID	Tool #	Plan Code	Accept Qty (48)	Reje		Reject Number	Insp. Stamp
Small Fab		<b>Memo</b> 1- Align part	edges and stick strip to	0.00 o D3937-3 as per dwg	7 m-L	10/	06/	29	-			\$10
160		OCS Inspect part compile	otomora to stan on W/O	0.00				wirk	1			

Quality Control

Memo

170

Packaging

Packaging

Identify as per dwg & Stock Location:

0.00

10.6-29 st

Page 3

Memo

0.00

Dart Aeı	rospace	e Ltd					, ,
N/0: 5	1877	WORK ORDER CHANGES			***		1
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
do6/29	# 150	7/6 D3937-3 were put ento store anoda B59877				CC 29	5,10/06/29

Part No: D3937-04 PAR #:	Fault Category:	NCR: Yes No DQA:	Date:
Resolution:	Disposition:	QA: N/C Closed:	Date:

NCR:			WORK ORDE	R NON-CONFORMAN	CE (NCR)			THE STATE OF THE S
		Description of NC		Corrective Action Section B	Verification	<b>A</b>	T	
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector
					,			

Work Orde Tuesday, June 1							-,-		Page 4
Item ID: Revision ID: Item Name: Start Date:	D3937-041 Luminescent 6/15/2010	Strip Assembly Start Qty: 48.00		Accept		iii s	Setup	Start Stop	
Required Date: Reference:		Req'd Qty: 48.00			Cust Item ID: Customer:				İ
Approvals:	Process Pla	an:	Date:_ Date:_	Tooling: SPC (Y/N):	Date:	I	Run	Start Stop	
Sequence ID/ Work Center II	)	Operation Description		Set Up/ Run Hours	Tool ID Tool # Plan Code	Accept Otv	Rej Otv	•	Reject Insp.

0.00

0.00

QC21- Final Inspection - Work Order Release

Memo

Quality Control

180

Qty Qty Number Stamp

10/06/30 \( \frac{1}{30} \)

Moreover 10/06/30 \( \frac{1}{30} \)

Dart Ae	rospace L	.td						-	• '
W/O:			WO	RK ORDER CHANGI	ES				. 1
DATE	STEP	PR	OCEDURE CHAN	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspecto
Part No	):	PAR #:	Fault Categ	gory:	NCR: Yes	No <b>DQA</b>		Date: _	
	Res	olution:	Disposition	1:	_ QA: N/C CI	osed:		Date: _	
NCR:			WORK ORDE	R NON-CONFORMA	NCE (NCF	R)			
DATE	STEP	Description of NC	Initial	Corrective Action Section Action Description	on B Sign 8	Verifica	ion	Approval	Approval
		Section A	Chief Eng	Chief Eng	Date	Section	nC	Chief Eng	QC Inspecto
					i :				
						·			
							:		

### **Picklist Print**

Tuesday, June 15, 2010 1:07:31 PM

Work Order ID: 59877

Parent Item:

D3937-041

Parent Item Name: Luminescent Strip Assembly



Start Date: 6/15/2010

Required Date: 6/21/2010

Page 1

**Start Qty: 48.00** 

Required Qty: 48.00

Comments:

IPP RevA: New issue DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
-D3937-1		Manufactured	No				Each	0.0000	1	48	7.		
M6061T6S.032	/ 	Purchased	No			100	sf	67.1200	0.09099	4.59738		6-91	
				Location		Loc (	Qty	Loc Code				1	
				MAT21		6	57.12					(14)	
					110063		3					(6T)	
					112763	5	0.12			11976	3		
					16954		8		_		_		
					18375		6		-		_	i	
										<u> </u>		,	

D39371

B 59868

18 mil 6/06/29

<b>Dart Aerospace Ltd</b>	Dart	<b>Aeros</b>	pace	Ltd
---------------------------	------	--------------	------	-----

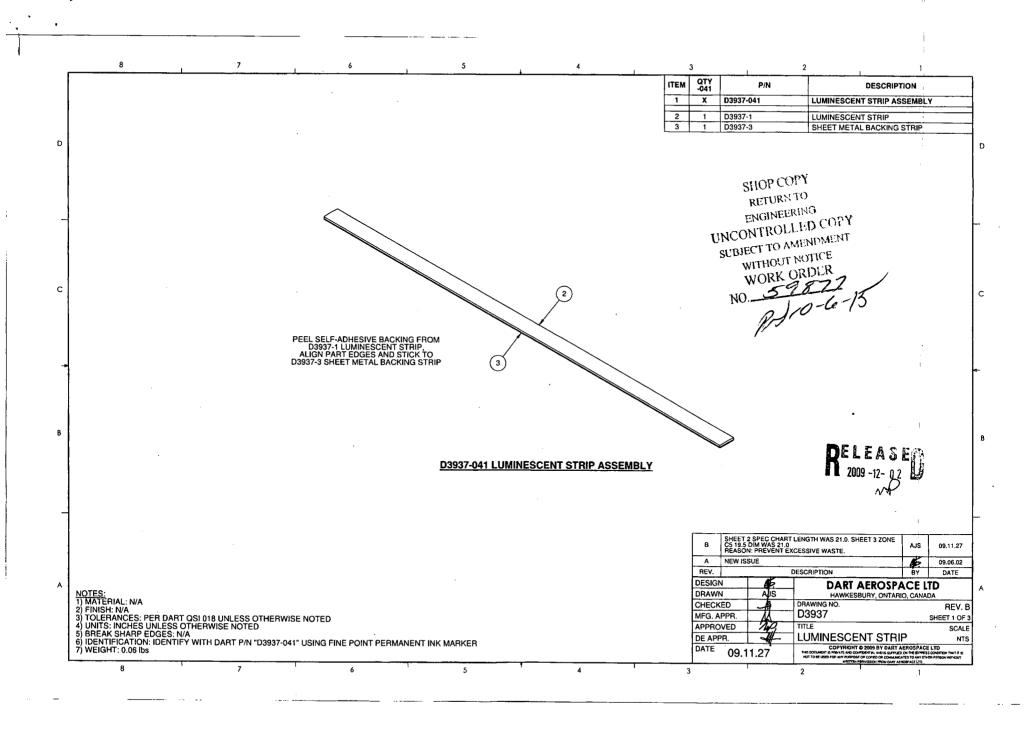
W/O:		WORK ORDER CHANGES							<del></del>	•	
DATE S	STEP	PRO	OCEDURE CHA	ANGE	By Date			Qty Approval Chief Eng / Prod Mgr		Approval QC Inspector	
Part No:		PAR #:									
Resolution:			Disposition	Disposition: QA			A: N/C Closed:		Date:		
NCR:			WORK ORD	ER NON-CONFORM	ANCE (N	(CR)	7000				
DATE !	STEP	Description of NC	Corrective Action Section B				Verifica	ion	Approval	Approval	
		Section A	Initial Chief Eng	Action Description Chief Eng		gn & Date	Section	Section C	Chief Eng	QC Inspector	
										,	
						<del></del>					
							]				
	i				1						

DART AEROSPACE LTD	Work Order:	59877
Description: Lyminescent Stein ASEMBLY	Part Number:	D3937-041
Inspection Dwg: DB9 37-04/Rev: IS		Page 1 of 1

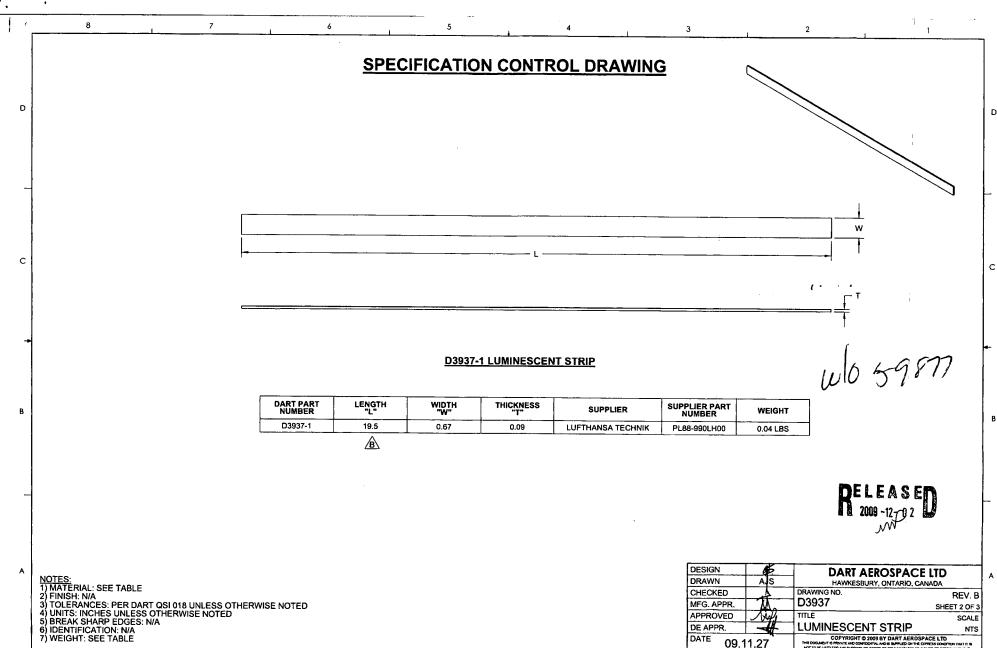
# FIRST ARTICLE INSPECTION CHECKLIST

	X	First Artic	:le	Prototype					
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments			
,G73	,040	,676	k-						
19,50	.030	19.50	>	le .					
			-						
			·			·			
·									
			<u> </u>	-		<u> </u>			
			-						
		-	1			ÿ.,			
		<del> </del>		<del> </del>					
		~							

Measu	red by:	739	Audited by:	Prototype Approval:	N/A
Measured by: Date:		10-6-21	Date: 10/06/21	Date:	N/A
				Revised by	Approved
Rev	Date	Change		KJ/JLM	•
<u> </u>		New Issue			



## **Dart Aerospace Ltd** W/O: **WORK ORDER CHANGES** Approval Chief Eng / Prod Mgr Approval DATE STEP PROCEDURE CHANGE Bv Qtv Date QC Inspector Part No: \_\_\_\_\_\_ PAR #: \_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_ Date: \_\_\_\_\_ Resolution: \_\_\_\_\_ Disposition: \_\_\_\_ QA: N/C Closed: Date: **WORK ORDER NON-CONFORMANCE (NCR)** NCR: **Corrective Action** Section B **Description of NC** Verification **Approval** DATE **STEP** Approval Sign & Initial **Action Description** Section A Section Chief Ena QC Inspector Chief Eng Chief Eng Date



**DART AEROSPACE LTD** DRAWN HAWKESBURY, ONTARIO, CANADA DRAWING NO. CHECKED REV. B D3937 MFG. APPR. SHEET 2 OF 3 APPROVED TITLE SCALE **LUMINESCENT STRIP** DE APPR. NTS COPYRIGHT © 2009 BY DART AEROSPACE LTD

THE DOCUMENT IS FROM THE CORPEDITION, AND IS SEPTILED ON THE EXPIRES CONDITION THAT IT IS

NOT TO BE USED FOR MAY PLAYOUS OF COMED OF COMMANDATION TO MAY OTHER POSSON WITHOUT

WINDTO PROCESSOR FROM USER A PROPERATE. ITS DATE 09.11.27

3

2

7

Dart Ae	rospace Lt	d							
W/O:			WO	RK ORDER CHANGES	3				, ,
DATE	STEP	PR	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspecto		
				·					
Part No				gory:					
·	Resc	olution:	Disposition	າ:	QA: N/C Cld	osed:	<b> </b>	Date: _	
NCR:			WORK ORDE	R NON-CONFORMAN	CE (NCR	)			
DATE	STEP	Description of NC		В	Verifica	ation	Approval	Approva	
DAIL		Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section		Chief Eng	QC Inspecto
				·			l		

7 D 0.672 С 19.50 B 0.032 REF **D3937-3 SHEET METAL BACKING STRIP** NOTES:
1) MATERIAL: 6061-T6 (OR 6061-T62) ALUMINUM SHEET 0.032 THICK PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 REF DART SPEC M606176S.032
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED 4) UNITS: INCHES UNLESS OTHERWISE NOTED 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX 6) IDENTIFICATION: N/A 7) WEIGHT: 0.02 lbs DESIGN DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWN DRAWING NO. CHECKED REV. B D3937 MFG. APPR. SHEET 3 OF 3 TITLE APPROVED SCALE LUMINESCENT STRIP DE APPR. NTS COPYRIGHT © 2009 BY DART AEROSPACE LTD
THIS DOCUMENT IS PRIVATE AND COMPENSATION AND IS EXPREED ON THE DIPPESS CONCINING TO THE USED FOR ANY PURPOSE OR COPED ON COMMENSATION TO ANY OTHER PERSON. DATE 09.11.27 7 5 3

## **Dart Aerospace Ltd** W/O: **WORK ORDER CHANGES Approval Approval** DATE STEP **PROCEDURE CHANGE** By Date Qtv Chief Eng / Prod Mgr QC Inspector Part No: \_\_\_\_\_\_ PAR #: \_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_ Date: \_\_\_\_\_ Resolution: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_ Date: \_\_\_\_\_ WORK ORDER NON-CONFORMANCE (NCR) NCR: **Corrective Action** Section B **Description of NC** Verification DATE **Approval** Approval STEP Action Description Sign & Initial Section A

		GeoloffA	Chief Eng	Chief Eng	Date	Section (	Chief Eng	QC inspector
							-	
	<del> </del>							
								,
NOTE O		<del></del>		<u> </u>				1